

DECLARATION

INVENTORSHIP IDENTIFICATION

As a below named inventor, I hereby declare that my residence, mailing address and citizenship are as stated below, next to my name. I believe that I am the original, first and sole inventor (*if only one name is listed below*) or an original, first and joint inventor (*if plural names are listed below*) of the subject matter that is claimed, and for which a patent is sought on the invention entitled:

HEAT SINK FOR A SILICON CONTROLLED RECTIFIER POWER CONTROLLER

TITLE OF INVENTION

SPECIFICATION IDENTIFICATION

the specification of which:

- (a) is attached hereto.
- (b) was filed on _____, as Serial No. _____
 and was amended on (*if applicable*).
- (c) was described and claimed in PCT International Application No. _____ filed on _____
 and was amended on . (*if applicable*).

ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims as amended by any amendment referred to above.

I acknowledge the duty to disclose information, which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56.

PRIORITY CLAIMS UNDER 35 U.S.C. § 119(a)-(d)

(Prior Foreign/Pct Application(S) Filed Within 12 Months
(6 Months For Design) Prior To This Application)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate(s) or 365(a) of any PCT international application(s) which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate(s) or any PCT international application(s) having a filing date before that of the application(s) of which priority is claimed.

| Application Number | Country or PCT | Date Of Filing (Day, Month, Year) | Priority not Claimed | Certified Copy Attached? |
|--------------------|----------------|--------------------------------------|--------------------------|---|
| | | | <input type="checkbox"/> | <input type="checkbox"/> YES <input type="checkbox"/> NO <input type="checkbox"/> |

CLAIM FOR BENEFIT OF PRIOR U.S. PROVISIONAL APPLICATION(S) UNDER 35 U.S.C. § 119(e)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below:

| Provisional Application Number | Filing Date |
|--------------------------------|-------------|
| | |

CLAIM FOR BENEFIT OF EARLIER US/PCT APPLICATION(S) UNDER 35 U.S.C. 120

(All Foreign Application(S), If Any, Filed More Than 12 Months
(6 Months For Design) Prior To This U.S. Application)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or 365(c) PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37, Code of Federal Regulations, § 1.56, which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application.

| U.S Parent Application No. | PCT Parent Application No. | Date Of Filing (Day, Month, Year) | Parent Patent No. (If applicable) |
|----------------------------|----------------------------|--------------------------------------|--------------------------------------|
| | | | |
| | | | |

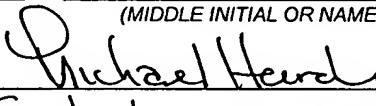
DECLARATION

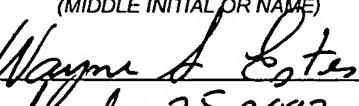
I hereby declare that my presentation of this paper constitutes a certification under 37 C.F.R § 10.18, which provides, in part, that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and that further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful statements may jeopardize the validity of the application and any patent issuing therefrom.

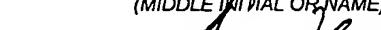
SIGNATURE(S)

Inventor(s)

| | | |
|------------------------|--|--------------------------------|
| Alfred (GIVEN NAME) | R. (MIDDLE INITIAL OR NAME) | Roman FAMILY (OR LAST NAME) |
| Inventor's signature |  | |
| Date | 25 Sept 02 | Country of Citizenship USA |
| Residence | Hendersonville, TN 37075 | |
| Mailing Address | 1415 Shoreside Drive, Hendersonville, TN 37075 | |

| | | |
|-------------------------|---|--------------------------------|
| Michael (GIVEN NAME) | (MIDDLE INITIAL OR NAME) | Hardy FAMILY (OR LAST NAME) |
| Inventor's signature |  | |
| Date | September 25, 2002 | Country of Citizenship USA |
| Residence | Nashville, TN 37211 | |
| Mailing Address: | 5012 Manual Drive, Nashville, TN 37211 | |

| | | |
|-----------------------|---|--------------------------------|
| Wayne (GIVEN NAME) | (MIDDLE INITIAL OR NAME) | Estes FAMILY (OR LAST NAME) |
| Inventor's signature |  | |
| Date | September 25, 2002 | Country of Citizenship USA |
| Residence | Nashville, TN 37216 | |
| Mailing Address: | 1206 Richmond Drive, Nashville, TN 37216 | |

| | | |
|-------------------------------|---|---------------------------------------|
| <u>Daniel</u> (GIVEN NAME) | <u></u> (MIDDLE INITIAL OR NAME) | <u>White</u> FAMILY (OR LAST NAME) |
| Inventor's signature |  | |
| Date | <u>9-25-02</u> | Country of Citizenship <u>USA</u> |
| Residence | <u>Franklin, TN 37064</u> | |
| Mailing Address: | <u>5910 Greenbriar Road, Franklin, TN 37064</u> | |

| | | |
|-----------------------|---|--------------------------------------|
| Jerry (GIVEN NAME) | (MIDDLE INITIAL OR NAME) | Black FAMILY (OR LAST NAME) |
| Inventor's signature | <u>Jerry Black</u> | |
| Date | <u>09-25-02</u> | Country of Citizenship .. <u>USA</u> |
| Residence | <u>Murfreesboro, TN 37129</u> | |
| Mailing Address: | <u>756 Claude Jones Blvd., Murfreesboro, TN 37129</u> | |

- Signature by administrator(trix), or legal representative for deceased or incapacitated inventor.
Number of pages added _____.
- Signature for inventor who refuses to sign or cannot be reached by person authorized under
37 CFR 1.47. *Number of pages added* _____.
- Added page for signature by one joint inventor on behalf of deceased inventor(s) where legal
representative cannot be appointed in time. (37 CFR 1.47) *Number of pages added* _____.
- Authorization of attorney(s) to accept and follow instructions from representative.

This declaration ends with this page.



 UNITED STATES
PATENT AND
TRADEMARK OFFICE

JANUARY 08, 2003

PTAS

KIRKPATRICK & LOCKHART LLP
ROBERT V. RACUNAS, JR., ESQ.
HENRY W. OLIVER BUILDING
535 SMITHFIELD STREET
PITTSBURGH, PA 15222-2312

**Under Secretary of Commerce For Intellectual Property and
Director of the United States Patent and Trademark Office
Washington, DC 20231
www.uspto.gov**



102240125A

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF
THE U. S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS
AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER
REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/26/2002

REEL/FRAME: 013338/0517
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR: ROMAN, ALFRED R. DOC DATE: 09/25/2002

ASSIGNOR: HARDY, MICHAEL
DOC. DATE: 09/25/2002

ASSIGNOR: ESTES WAYNE DOC DATE: 09/25/2002

ASSIGNOR: WHITE DANIEL
DOC. DATE: 09/25/2002

ASSIGNOR: BLACK, JERRY
DOC. DATE: 08/25/2002

ASSIGNEE:
CHROMALOX, INC.
103 GAMMA DRIVE EXT.
PITTSBURGH, PENNSYLVANIA 15238

013338/0517 PAGE 2

SERIAL NUMBER: 10255743
PATENT NUMBER:

FILING DATE: 09/26/2002
ISSUE DATE:

LAZENA MARTIN, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

9.26.02

Form PTO-1595

(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)

• Tab settings =>>> ▼

10-03-2002



To the Honorable Commissioner of

102240125

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

1. Name of conveying party(ies):

Alfred R. Roman, Michael Hardy, Wayne Estes,
Daniel White and Jerry Black

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: September 25, 2002, September 25, 2002, September 25, 2002, September 25, 2002 and September 25, 2002

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: September 25, 2002

A. Patent Application No.(s)

10/255743

Additional number(s) attached? Yes No

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Robert V. Racunas, Jr.

Name of Person Signing

Robert V. Racunas, Jr.

Signature

9/26/02

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

09/30/2002 VYANGI 00000008 10255743

02 FC:581

40.00 09

Attorney's Docket No. 020503

PATENT

For: U.S. and/or Foreign Rights
For: U.S. Application or
 U.S. Provisional Application
For: U.S. Patent
For: PCT Application
By: Multiple Inventors

ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNORS (Inventors):

| | | |
|---|---|---------------------------|
| <u>Alfred R. Roman</u> (type or print name of inventors) | <u>1415 Shoreside Drive</u> <u>Hendersonville, TN 37075</u> Address | <u>USA</u> Nationality |
| <u>Michael Hardy</u> | <u>5012 Manual Drive</u> <u>Nashville, TN 37211</u> | <u>USA</u> |
| <u>Wayne Estes</u> | <u>1206 Richmond Drive</u> <u>Nashville, TN 37216</u> | <u>USA</u> |
| <u>Daniel White</u> | <u>5910 Greenbriar Road</u> <u>Franklin, TN 37064</u> | <u>USA</u> |
| <u>Jerry Black</u> | <u>756 Claude Jones Blvd.</u> <u>Murfreesboro, TN 37129</u> | <u>USA</u> |

hereby sells, assigns and transfers to

ASSIGNEE:

Chromalox, Inc. _____

(type or print name of ASSIGNEE)
(a Delaware corporation)
Nationality

103 Gamma Drive Ext. _____

Address

Pittsburgh, PA 15238 _____

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

the entire right, title and interest

an undivided _____ percent (____%) interest for the United States
and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

and in all foreign countries, including all rights to claim priority, in and to any and all
improvements which are disclosed in the invention entitled: **HEAT SINK FOR A SILICON
CONTROLLED RECTIFIER POWER CONTROLLER**

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in

(a) U.S. patent application executed on even date herewith

(b) U.S. patent application executed on _____

(c) U.S. provisional application naming the above inventor(s) for the above-entitled invention

Express mail label no.: _____

Mailed: _____

To comply with 37 CFR 3.21 for recordal of this assignment, I, an ASSIGNOR signing below,
hereby authorize and request my attorney to insert below the filing date and application
number when they become known.

(d) U.S. application no.: _____ filed on _____

(e) International application no. PCT / _____ /
filed on _____

(f) U.S. patent no. _____ issued _____

A change of address to which correspondence is to be sent regarding patent
maintenance fees is being sent separately.

(also check (g), if foreign application(s) is also being assigned)

(g) and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal this _____

Date of signing

WARNING: The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Alfred R. Roman
(type name of Inventor)

Signature of INVENTOR

Date

Michael Hardy
(type name of Inventor)

Signature of INVENTOR

Date

Wayne Estes
(type name of Inventor)

Signature of INVENTOR

Date

Daniel White
(type name of Inventor)

Signature of INVENTOR

Date

Jerry Black
(type name of Inventor)

Signature of INVENTOR

Date

Alfred R. Roman Sept 25 Sept 02

Michael Hardy Sept 25, 2002

Wayne Estes Sept 25, 2002

Daniel White 9-25-02

Jerry Black 09-25-02

Notarization or Legalization Page Added.

NOTE: No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized, then it will only be *prima facie* evidence of execution. 35 USC 261. Use next page if notarization is desired.